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1. Computer **network** with modified host-to-host **encryption** keys - US ...

The BQI value 144 in each **packet** header specifies which of the **buffer** queues 118 in the ... Using the DES CBC (**cipher**-block-chaining) **encryption** scheme, ... 222 and then temporarily stored in a **FIFO** (**first in first out**) **buffer** 224. ... The **first** step (A) of this process is to **decrypt** the encrypted key 146 in the ...
https://www.patentstorm.us/patents/5268962/description.html - Similar pages

2. High performance IPSEC hardware accelerator for **packet** ...

Feb 21, 2006 ... 6327625, **FIFO**-based **network** interface supporting **out**-of-order ....
IPSEC **encryption** and **decryption** work within the IP layer of the **network** .... program
the **cipher** engine to perform the desired **authentication** algorithm. ... is a **pointer** to
the start of the outbound **packet** stored in a **buffer** (the ...
www.freepatentsonline.com/7003118.html - Similar pages
by LJ Yang - 2006 - Related articles - All 3 versions

3. Scalable key agile cryptography - Patent 5796836

wherein the keystream memory module comprises a **first** keystream **FIFO** memory, ...
To **decrypt**, **cipher** text block 14 is processed by codebook 16 and the ... To select a
key, the virtual channel address is used to select a **pointer** to the ..... **encryption** and
decryption for the devices they connect to ATM **network** 108. ...
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by TR Markham - 1998 - Cited by 5 - Related articles - All 3 versions
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4. Data Flow Control Within and Between DMA Channels - Patents

The loopback circuit 40 may supply a **buffer pointer** from the DMA descriptor for

the ...... Similarly, the selected **encryption/decryption** (**cipher**) algorithm, ... Finally, the **network** layer encapsulates the IP **packet** with an Ethernet ... The **buffer** 232 may be the source **buffer** for a **first** DMA transfer (DMA 1 in FIG. ...
www.faqs.org/patents/app/20080222317 - 124k - Cached - Similar pages

5. (WO/1996/033564) METHOD AND APPARATUS FOR HIGH SPEED BLOCK ...

To **decrypt**, **cipher** text block 14 is processed by codebook 16 and the output ... The Stevenson design must **encrypt** the current **packet** fast enough that a backlog .... in effect, a **First In First Out** (**FIFO**) memory in which each entry is as wide ..... The **first** plain text cell is sent to **encryption** device module 52.1, ...
www.wipo.int/pctdb/en/wo.jsp?IA=US1996005083&DISPLAY=DESC - 65k
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6. *EP000582395B1*

host **encryption/decryption** key established for each pair ... in the **packet** header 132 includes a **network** destination .... originating host computes a **packet authentication** code .... then temporarily stored in a **FIFO** (**first in first out**) **buffer** ... is valid, and a **buffer pointer** 236, which is the **buffer** ...
https://publications.european-patent-office.org/PublicationServer/documentpdf.jsp?
iDocId=5305830&iebug=.pdf - Similar pages

7. Scalable Security Processor Design and Its Implementation

During the cryptographic/**authentication** operations of the **network** applications such as IPSec and SSL, ... The **first** word is the descriptor header that defines the security operation. .... Data **FIFO**. Descriptor. **Buffer**. 16x32 bit. Crypto–Channel #1 .... file **encryption/decryption**, on-line video streaming and web ...
ieeexplore.ieee.org/iel5/4017511/4017512/04017644.pdf - Similar pages
by CH Wang

8. Method and processing interface for transferring data between host ...

6 illustrates a memory buffers diagram of a **first-in first-out** (**FIFO**) **buffer** .... plain text interface port 33 to **cipher** text interface port 37 or vice versa. ..... Functions may include for example, **encrypt**, **decrypt**, sign, **authenticate**, etc. .... Inventor: DiChiara , et al.4872159, **Packet network** architecture for ...
www.patentstorm.us/patents/5961626/description.html - Similar pages

9. Intel IXP 2800/2850

Decryption, **Authentication** (inbound). **Encryption**, **Authentication** ... Branch target
buffer – 128 entries; provides history and prediction from insn cache .... Think of their
job; grab a **packet**, act on it, move it on to the next ..... **Decryption** works by
decrypting the **first cipher** text block, and then using ...
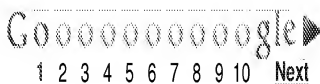www.cs.uiuc.edu/homes/luddy/PROCESSORS/IXP2850.pdf - Similar pages

10. PeerStreaming: design and implementation of an on-demand ...

The timeblock data **pointer** points **out** the loca- .... relatively low-complexity algorithm
to **encrypt**/**decrypt** the individual media **packet**. ... time of **decrypting** the **packet**, the
packet key is **first** ..... playing **buffer** and may be shrunk to combat **network** ..... the
received content to its disk in a **FIFO** fashion. Here, ...
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by J Li - 2007 - Cited by 1 - Related articles - All 3 versions

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